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1 [Enhancing the security of corporate Wi-Fi networks using DAIR](#)

Paramvir Bahl, Ranveer Chandra, Jitendra Padhye, Lenin Ravindranath, Manpreet Singh, Alec Wolman, Brian Zill

June **MobiSys '06**: Proceedings of the 4th international conference on Mobile systems, 2006 applications and services

Publisher: ACM

Full text available: Pdf (302.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 90, Downloads (12 Months): 358, Citation Count: 5

We present a framework for monitoring enterprise wireless networks using desktop infrastructure. The framework is called DAIR, which is short for *Dense Array of Inexpensive Radios*. We demonstrate that the DAIR framework is useful for detecting ...

Keywords: 802.11, denial-of-service, rogue AP, security, wireless networks

2 [Website Automation Toolkit](#)

Andrew Johnson

November 1998 **Linux Journal**, Volume 1998 Issue 55es

Publisher: Specialized Systems Consultants, Inc.

Full text available: Html (9.51 KB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 5, Citation Count: 0

3 [Dynamic, context-aware, least-privilege grid delegation](#)

Mehran Ahsant, Jim Basney, Lennart Johnsson

September 2007 **GRI D '07**: Proceedings of the 8th IEEE/ACM International Conference on Grid Computing

Publisher: IEEE Computer Society

Full text available: Pdf (246.24 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 7, Citation Count: 0

Performing delegation in large scale, dynamic and distributed environments with large numbers of shared resources is more challenging than inside local administrative domains. In dynamic environments like Grids, on one hand, delegating a restricted set ...

4 [Proceedings of the 2007 GECCO conference companion on Genetic and evolutionary computation](#)



[Peter A. N. Bosman](#), [Tina Yu](#), [Anikó Ekárt](#)

July 2007 **GECCO '07: Proceedings of the 2007 GECCO conference companion on Genetic and evolutionary computation**

Publisher: ACM

Additional Information: [full citation](#), [appendices and supplements](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

5 [Performance analysis of mobile agents for filtering data streams on wireless networks](#)

[David Kotz](#), [George Cybenko](#), [Robert S. Gray](#), [Guofei Jiang](#), [Ronald A. Peterson](#), [Martin O. Hofmann](#), [Daria A. Chacón](#), [Kenneth R. Whitebread](#), [James Hendler](#)

April 2002 **Mobile Networks and Applications** , Volume 7 Issue 2

Publisher: Kluwer Academic Publishers

Full text available: Pdf (267.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 56, Citation Count: 4

Wireless networks are an ideal environment for mobile agents, since their mobility allows them to move across an unreliable link to reside on a wired host, next to or closer to the resources that they need to use. Furthermore, client-specific data transformations ...

Keywords: RPC, information filtering, mobile agent, mobile code, performance analysis, wireless network

6 [Distributed object models for multi-processor SoC's, with application to low-power multimedia wireless systems](#)

[Pierre G. Paulin](#), [Chuck Pilkington](#), [Michel Langevin](#), [Essaid Bensoudane](#), [Olivier Benny](#), [Damien Lyonnard](#), [Bruno Lavigueur](#), [David Lo](#)

March 2006 **DATE '06: Proceedings of the conference on Design, automation and test in Europe: Proceedings**

Publisher: European Design and Automation Association

Full text available: Pdf (304.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 46, Citation Count: 0

This paper summarizes the characteristics of distributed object models used in large-scale distributed software systems. We examine the common subset of requirements for distributed software systems and systems-on-a-chip (SoC), namely: openness, heterogeneity ...

7 [FLIP: a flexible interconnection protocol for heterogeneous internetworking](#)

[Ignacio Solis](#), [Katia Obraczka](#)

August 2004 **Mobile Networks and Applications** , Volume 9 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: Pdf (549.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 92, Citation Count: 1

This paper describes the Flexible Interconnection Protocol, or FLIP, whose main goal is to allow interconnection of heterogeneous devices with varying power, processing, and communication capabilities, ranging from simple sensors to more powerful computing ...

Keywords: flexible headers, heterogeneous networks, optimized headers, sensor networks


8 [Linux at Holt Public Schools](#)

[Mark Lachniet](#)

September 1997

Linux Journal , Volume 1997 Issue 41es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [HTML](#) (13.90 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 6, Citation Count: 0

WAN links and linux proxy servers form the basis of a computer network for this Michigan public school system


9 [Exploiting process lifetime distributions for dynamic load balancing](#)



[Mor Harchol-Balter](#), [Allen B. Downey](#)

August 1997 **Transactions on Computer Systems (TOCS)** , Volume 15 Issue 3

Publisher: ACM

Full text available:  [PDF](#) (557.04 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 194, Citation Count: 54

We consider policies for CPU load balancing in networks of workstations. We address the question of whether preemptive migration (migrating active processes) is necessary, or whether remote execution (migrating processes only at the time of birth) is ...

Keywords: Pareto distribution, heavy-tailed, load balancing, load sharing, migration, network of workstations, remote execution, trace-driven simulation, workload modeling


10 [Using AspectJ for component integration in middleware](#)



[Adrian Colyer](#), [Andy Clement](#), [Ron Bodkin](#), [Jim Hugunin](#)

October **OOPSLA '03:** Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications

Publisher: ACM

Full text available:  [PDF](#) (227.02 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 32, Citation Count: 3

This report discusses experiences applying AspectJ [1] to modularize crosscutting concerns in a middleware product line at IBM®. Aspect oriented programming techniques were used to cleanly separate platform specific facilities for aspects such as ...

Keywords: AspectJ, aspect-orientation, middleware

11 [From eLearning to eUniversity](#)



[Roumen Nikolov](#)

June 2008 **CompSysTech '08: Proceedings of the 9th International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing**

Publisher: ACM

Full text available: Pdf (209.43 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 35, Citation Count: 0

This paper analyses the specifics and the tendencies in building the knowledge society as well as the role of the universities in this process. Some European policies and programs dedicated to the new role of the universities in realizing the Lisbon ...

Keywords: eLearning, eUniversity, information society, knowledge economy

12 [Toward a Usage-Based Security Framework for Collaborative Computing Systems](#)



[Xinwen Zhang](#), [Masayuki Nakae](#), [Michael J. Covington](#), [Ravi Sandhu](#)

February 2008 **Transactions on Information and System Security (TI SSEC)** , Volume 11 Issue 1

Publisher: ACM

Full text available: Pdf (2.77 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 73, Downloads (12 Months): 595, Citation Count: 1

Collaborative systems such as Grids provide efficient and scalable access to distributed computing capabilities and enable seamless resource sharing between users and platforms. This heterogeneous distribution of resources and the various modes of collaborations ...

Keywords: Authorization, UCON, access control, collaborative computing, security architecture, usage control

13 [MPEG-4 BIFS streaming of large virtual environments and their animation on the web](#)



[Mojtaba Hosseini](#), [Nicolas D. Georganas](#)

February 2002 **Web3D '02: Proceedings of the seventh international conference on 3D Web technology**

Publisher: ACM

Full text available: Pdf (321.78 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 61, Citation Count: 2

Although the Virtual Reality Modeling Language has made viewing 3D content on the web possible, remotely accessing large and complex 3D worlds requires a great deal of bandwidth. In the absence of such bandwidth users will suffer substantial latency ...


Keywords: BIFS, Java3D, MPEG-4, VRML, animation, streaming, virtual environment

14 [A low power, low bandwidth protocol for remote wireless terminals](#)

[George Hadjilivannis](#), [Anantha Chandrakasan](#), [Srinivas Devadas](#)

January 1998 **Wireless Networks** , Volume 4 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (474.12 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 11, Citation Count: 1

We present a low bandwidth protocol for wireless multi-media terminals targeted towards low power consumption on the terminal side. With the widespread use of portable computing devices, low power has become a major design criterion. One way of minimizing ...


15 [Light-weight service-oriented grid application toolkit](#)



[Sungju Kwon](#), [Jaeyoung Choi](#), [Kumwon Cho](#)

April 2006 **SAC '06:** Proceedings of the 2006 ACM symposium on Applied computing

Publisher: ACM

Full text available:  Pdf (350.18 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 56, Citation Count: 0

Grid has been focused in a distributed computing community. There has been a lot of research in these areas, especially for design and development of Grid middleware. More recently, the service-oriented architecture based on Web Services rapidly became ...

Keywords: grid, reconfiguration, service-oriented architecture


16 [Crime and punishment in cyberspace: dealing with law enforcement and the courts](#)



[Harvey Axlerod](#), [Daniel R. Jay](#)

November 1999 **SIGUCCS '99:** Proceedings of the 27th annual ACM SIGUCCS conference on User services: Mile high expectations

Publisher: ACM

Full text available:  Pdf (25.17 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 107, Citation Count: 0

Keywords: ECPA, FERPA, NYS penal law, cyberlaw, evidence, police, search warrants, subpoenas

17 [Dynamo: a public interactive surface supporting the cooperative sharing and exchange of media](#)






[Shahram Izadi](#), [Harry Brignull](#), [Tom Rodden](#), [Yvonne Rogers](#), [Mia Underwood](#)

November 2003 **UIST '03:** Proceedings of the 16th annual ACM symposium on User interface software and technology

Publisher: ACM

Additional Information: [full](#)

Full text available:  Mov (3:52 MIN),  Pdf (828.02 KB),  Wmv (3:52 MIN)

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Bibliometrics: Downloads (6 Weeks): 40, Downloads (12 Months): 260, Citation Count: 31

In this paper we propose a novel way of supporting occasional meetings that take place in unfamiliar public places, which promotes lightweight, visible and fluid collaboration. Our central idea is that the sharing and exchange of information occurs across ...


Keywords: collaboration, exchange, large interactive surfaces, multi-user interfaces, sharing

18 [ServerWORKS manager: network management integrated with enterprise and applications servers](#)

[Katherine J. Jones](#)

November 1997 **International Journal of Network Management** , Volume 7 Issue 6

Publisher: John Wiley & Sons, Inc.

Full text available:  Pdf (261.05 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 15, Citation Count: 0



In response to the dilemma of increasing system costs and decreasing personnel costs, Digital Equipment Corporation has bundled ServerWORKS Manager with every Digital Prioris server. This provides the customer with a complete package of integrated network ...

19 [A process control approach to cyber attack detection](#)



August 2001 **Communications of the ACM** , Volume 44 Issue 8

Publisher: ACM

Full text available:  Html! (33.65 KB),  Pdf (113.70 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 104, Citation Count: 1


20 [An axiomatic basis for communication](#)



[Martin Karsten](#), [S. Keshav](#), [Sanjiva Prasad](#), [Mirza Beg](#)

August 2007 **SIGCOMM '07: Proceedings of the 2007 conference on Applications, technologies, architectures, and protocols for computer communications**

Publisher: ACM

Full text available:  Pdf (244.78 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 112, Citation Count: 1

The de facto service architecture of today's communication networks, in particular the Internet, is heterogeneous, complex, ad hoc, and not particularly well understood. With layering as the only means for functional abstraction, and even this violated ...

Keywords: addressing, concepts, definitions, naming, protocols, routing

Also published in:


October 2007 **SIGCOMM Computer Communication Review** Volume 37 Issue 4

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